

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	91	((misfire fault) and engine and (engine near3 (speed velocity)) and (threshold value)).clm.	US-PGPUB	OR	ON	2006/05/24 10:19
S1	1	("20040215744").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/26 16:44
S2	1	("20040237635").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/26 16:45
S3	1	("20040211249").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/29 09:26
S7	12	(OHSAKI adj MASANOBU).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:48
S9	102	(Nakano adj kazumi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 10:05
S11	748	(shiyunichi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:53
S12	10	engine and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:53
S17	1922	misfire and engine and (engine adj (speed velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 08:31
S18	4583	(73/116,117.2,117.3,118.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/26 17:05

## EAST Search History

S19	264	S17 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 17:06
S20	641	S17 and misfire.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 17:06
S21	149	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 09:00
S22	21	(OZAKI adj HISANORI ).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 09:44
S23	102	(Nakano adj kazumi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 10:05
S24	2	misfire and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 10:05
S26	7	("5189373"   "5337716"   "5775298"   "6185500"   "6246952"   "6371078"   "6550456").PN. OR ("6925374").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 12:14
S27	19	("5278760"   "5377537"   "5387253"   "5503007"   "5508927"   "5515720"   "5542291"   "5544521"   "5559705"   "5574217"   "5602331"   "5633456"   "5713339"   "5804711"   "5841025"   "5862506"   "5906652"   "6112149"   "6388444").PN. OR ("6885932"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 12:19

## EAST Search History

S28	54	( "3908366"   "4179922"   "4186701"   "4271811"   "4308519"   "4461257"   "4488528"   "4491110"   "4532592"   "4562818"   "4606224"   "4716874"   "4782692"   "4846129"   "4862093"   "4886029"   "4928228"   "4930479"   "4930481"   "4932379"   "4936277"   "4941445"   "4976241"   "4987771"   "5021960"   "5044194"   "5044195"   "5056360"   "5095742"   "5109695"   "5117681"   "5144927"   "5200899"   "5231869"   "5239473"   "5278760"   "5313075"   "5349864"   "5361629"   "5369989"   "5383350"   "5387253"   "5392641"   "5394744").PN. OR ("5633456"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 13:04
S29	61	( "3908366"   "4179922"   "4186701"   "4271811"   "4308519"   "4461257"   "4488528"   "4491110"   "4532592"   "4562818"   "4606224"   "4716874"   "4782692"   "4846129"   "4862093"   "4886029"   "4928228"   "4930479"   "4930481"   "4932379"   "4936277"   "4941445"   "4976241"   "4987711"   "4987771"   "5021960"   "5044194"   "5044195"   "5056360"   "5095742"   "5109695"   "5117681"   "5144927"   "5200899"   "5231869"   "5239473"   "5263453"   "5278760"   "5307671"   "5313407"   "5357790"   "5361628"   "5361629"   "5379634"   "5381689"   "5387253"   "5392641"   "5508927"   "5515720"   "5544521"   "5561600"   "5574217"   "5574646"   "5576963"   "5602331"   "5668725"   "5687082"   "5699252"   "5699253"   "5862507").PN. OR ("6314802").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 09:35
S30	22	( "4780826"   "5044195"   "5197325"   "5216915"   "5263365"   "5357788"   "5426587"   "5428991"   "5452604"   "5487008"   "5495415"   "5544058").PN. OR ("5822710").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 12:58

## EAST Search History

S34	15	correct\$3 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:03
S35	21175	threshold with correct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:04
S36	1926	misfire and engine and (engine adj (speed velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:04
S37	4585	(73/116,117.2,117.3,118.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/30 13:04
S38	264	S36 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:04
S39	643	S36 and misfire.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:04
S40	149	S38 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:04
S41	10	S35 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:05
S42	787	average adj threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 15:14

## EAST Search History

S43	0	S42 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 15:14
S44	935	averag\$3 adj threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 15:14
S45	0	S44 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 15:15
S46	3	S44 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 15:15
S47	13	(US-20040144165-\$).did. or (US-5841025-\$ or US-5239473-\$ or US-5117681-\$ or US-5602331-\$ or US-5574217-\$ or US-6584834-\$ or US-5862507-\$ or US-6243641-\$ or US-6006155-\$ or US-5822710-\$ or US-6185928-\$).did. or (JP-04171249-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/08/31 08:42
S49	6	S47 and frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 08:48
S50	1926	misfire and engine and (engine adj (speed velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 08:49
S51	0	(misfire with freqency) and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 08:49

## EAST Search History

S52	131	(misfire with frequency) and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 08:49
S53	23	S52 and (misfire adj frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 08:49
S54	3	("6006155"   "6292738"   "6546328").PN. OR ("6907341"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/31 09:06
S56	1185	(73/117.3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/17 08:21
S57	2791	misfire and engine and (engine near3 (speed velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 16:19
S58	233	(misfire and engine and (engine near3 (speed velocity))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 08:32
S59	548	((misfire fault) and engine and (engine near3 (speed velocity))). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 08:32
S60	419	((misfire fault) and engine and (engine near3 (speed velocity))) and (threshold value)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 10:19
S61	0	("2004/0237635").URPN.	USPAT	OR	ON	2006/01/17 08:42
S62	168	S60 and "73".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 08:50

## EAST Search History

S63	5	("5452604"   "5559285"   "5735246"   "5794171"   "6598589").PN. OR ("6968268").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/17 08:53
S64	0	("2004/0211249").URPN.	USPAT	OR	ON	2006/01/17 14:40
S65	0	("6584834").URPN.	USPAT	OR	ON	2006/01/17 16:19
S66	2791	misfire and engine and (engine near3 (speed velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 16:20
S67	105	(threshold with correct\$3) and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 16:26
S68	1	("5,140,962").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/17 16:26
S69	18	("4711213"   "4729358"   "4736723"   "4760828"   "4766545"   "4770144"   "4774922"   "4790281"   "4951630"   "4971007").PN. OR ("5140962").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/17 16:27